

KORNEV, L., starshiy master

Working cooperation of study groups. Prof.-tekhn. obr. 21  
no. 5:12 My '64. (MIRA 17:6)

KORNEV, E.I.

Mark stamping device for square blanks. Metallurg 9 no.2:34 F '64.  
(MIRA 17:3)

1. Pomoshchnik nachal'nika tsekha po oborudovaniyu, prokatnyy tsekha  
No.4 Makeyevskogo metallurgicheskogo zavoda.

USSR/Miscellaneous - Industrial processes

Card : 1/1 Pub. 71 - 11/17

Authors : Kornev, G. A.

Title : Semi-automatic pipe expansion

Periodical : Mekh. trud. rab. 4, 28, June 1954

Abstract : A special semi-automatic device used in the work of pipe expansion (pipe coupling), is described. Drawing.

Institution : ...

Submitted : ...

Kornev, G.P.

SHIMHALIBEYLI, E.Sh; KORNEV, G.P.; BAYRAMALIBEYLI, E.T.

Geological structure of the northeast slope of the Huzgerskii  
Plateau. Inv. AN Azerb. SSR no. 8:25-34 Ag'55. (MIRA 9:1)  
(Caucasus--Geology, Structural)

KASHKAY, M.-A.; KORNEV, G.P.; AKHMEDOV, D.M.; BABAYEV, E.G.

Dashkesan intrusive complex. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk  
no.3:41-50 '58. (MIRA 11:12)  
(Caucasus--Blocks, Igneous)

KORNEV, G.P.

SHIKHALIEVLI, E.Sh.; KORNEV, G.P.

Formation of Tertiary intrusions in the southeastern part of the  
Lesser Caucasus. Dokl. AN Azerb. SSR 14 no.2:131-136 '58.  
(MIRA 11:4)

1. Institut geologii AN AzerSSR. Predstavлено akademikom AN AzerSSR  
Sh.A. Azizbekovym.  
(Azerbaijan--Rocks, Igneous)

SHIKHALIBEYLI, E.Sh.; KORNEV, G.P.

Tectonic pattern of the eastern Lesser Caucasus. Sov. geol. 2  
no.11:45-58 N '59. (MIRA 13:5)

1. Geologicheskiy institut AN AzerSSR.  
(Caucasus--Geology, Structural)

KORNEV, G.P.

Intrusions and postintrusive processes in the upper Pshekha River.  
Trudy KF VNII no.6:320-334 '61. (MIRA 15:2)  
(Pshekha Valley--Rocks, Igneous)

MUSTAFABEYLI, M.A.; KORNEV, G.P.; AKHMEDOV, D.M.

Mineralization characteristics and the genesis of the Dashkesan  
iron deposit. Sov.geol. 4 no.5:96-109 My '61. (MIRA 14:6)

1. Dashkesanskaya geologicheskaya ekspeditsiya.  
(Dashkesan region--Iron ores)

KORNEV, G.P.

*oms*  
Small and bedded intrusives in the eastern Nakhichevan  
A.S.S.R. and tectonic factors in their formation. Sov.geol.  
4 no.7:34-45 J1 '61. (MIRA 14:10)

1. Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-  
issledovatel'skogo instituta.  
(Nakhichevan A.S.S.R.--Rocks, Igneous)

MUSTAFABEILI, M. A. [Mustafabeyli, M. A.]; KORNEV, G. P.; AKHMEDOV, D. M.

Mechanism of mineralization, and origin of the Dashkesan iron-ore deposits. Analele geol geogr 16 no.1:3-17 Ja-Mr '62.

KORNEV, G.P.; ROSTOVITSEV, K.O.

Recent data on the stratigraphy of lower Jurassic deposits in the basin of the Pshekha River (northwestern Caucasus). Dokl. AN SSSR 143 no.3:666-669 Mr '62. (MIRA 15:3)

1. Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-issledovatel'skogo instituta. Predstavлено академиком N.M.Strakhovym. (Pshekha Valley--Geology,Stratigraphic)

KORNEV, G.P.; CHAITSKIY, V.P.

Some petrographic characteristics of the granitoid intrusion  
in the Pshekha-Pshikhashka interfluve (northwestern Caucasus).  
Trudy KF VNII no.10:289-307 '62. (MIRA 15:11)

(Pshekha Valley—Granite)  
(Pshikhashka Valley—Granite)

5/011/63/000/001/002/002  
A006/A101

(21)

AUTHOR: Azisbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation  
and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963,  
126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it  
was attended by 455 representatives from scientific and industrial geological  
organizations including 24 Academicians and Corresponding Members of AS USSR and  
AS of various republics, 49 Doctors-Professors and 164 Candidates of Geological  
and Mineralogical Sciences. The Conference was opened by Academician D. I.  
Shcherbakov, secretary of OGGN, AS USSR. The program of the Conference was di-  
vided into three main groups: a) regularities in the formation and distribution  
of endogenous deposits in the Caucasus; b) regularities in the formation and  
distribution of endogenous deposits of other folding regions of the Alpine cy-  
cle; c) general problems of metallogeny. In group a) reports on basic features

Card 14

The Third All-Union Conference on...

S/011/63/000/001/002/002  
A006/A101

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtchyan (in Armenia), G. A. Tvalchreidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. O. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleo-volcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. F. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Budze) the Chubukhlu-Tanzutak ore region (S. Sh. Sarikyan). Reports were read on polymetallic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Korney) and the Mekhrany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhaun, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on Card 2/4

ROSTOVTSEV, K.O.; KORNEV, G.P.

Lower and Middle Jurassic sediments of the northwestern Caucasus.  
Sev.geol. 6 no.8:100-107 Ag '63. (MIRA 16:9)

1. Krasnodarskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
neftogazovogo instituta.  
(Caucasus, Northern—Geology, Stratigraphic)

KORNEV, G.P.

Middle Jurassic complex metal mineralization in the northwestern Caucasus. Zakonom.razm.polezn.iskop. 7:370-371 '64. (MIRA 17:6)

1. Krasnodarskiy filial Vsesoyuznogo nefte-gazovogo nauchno-issledovatel'skogo instituta.

KORNEV, G.P.

Mosk recent tectonic movements and changes in the drainage network in the upper basin of the Pshekha River (northwestern Caucasus). Vest.Mosk.un.Ser.5: Geog. 20 no.4:74-77 Jl-Ag '65. (MIRA 18:12)

PERESLEGIN, I.A.; RIMMAN, A.F.; KORNEV, I.I.

Roentgen centrator for rotational telegamma therapy. Vest. rent.  
i rad. 33 no.6:59-61 N-0 '58. (MIRA 12:1)

1. Iz radiologicheskogo (zav. - prof. A.V. Kozlova)tekhnicheskogo  
otdela (zav. - kand. tekhn. nauk V.V. Imokhovskiy) Gosudarstvennogo  
nauchno-issledovatel'skogo instituta rentgenologii i radiologii  
(dir. - dots. I.G. Lagunova) Ministerstva zdravookhraneniya RSFSR.  
(RADIOTHERAPY, appar. & instruments  
centrator for rotational telether. (Rus))

PERESLEGIN, I.A.; KORNEV, I.I.

Centering device in radiotherapy for intrathoracic tumors.  
Vest. rent. i rad. 34 no.3:60-61 My-Je '59. (MIRA 12:10)

1. Iz radiologicheskogo otdela (zav. - prof. A.V. Kozlova) Nauchno-  
issledovatel'skogo instituta rentgenologii i radiologii Ministerstva  
zdravookhraneniya RSFSR (dir. - dotsent I.G. Lagunova).

(RADIOTHERAPY, appar. & instruments  
centering device for intrathoracic tumors (Rus))

PERESLEGIN, I.A.; KORNEV, I.I.; PARSHIN, I.M.

Improved rotary chair for GUT-Co-400 equipment. Vest.rent.i rad.  
35 no.1:50-51 Ja-F '60; (MIRA 13:6)

1. Iz radiologicheskogo otdela (zav. - prof. A.V. Kozlova) i  
eksperimental'nykh masterskikh (dir. D.S. Zhukhanenko) Gosu-  
darstvennogo nauchno-issledovatel'skogo rentgeno-radiologich-  
skogo instituta (dir. - dotsent I.G. Legunova) Ministertva zdra-  
vookhraneniya RSFSR.

(RADIOTHERAPY equip. & supply)

DMOKHOVSKIY, V.V.; KORNEV, I.I.; PERESLEGIN, I.A.; RIMMAN, A.F.

Formation of dose fields in rotation gamma-ray therapy. Med. rad.  
6 no.2:57-64 '61. (MIRA 14:3)  
(COBALT-ISOTOPES) (RADIOTHERAPY)

KORNEV, I.I., aspirant (Moskva, D-22, Malyy Predtechenskiy per., d.6, kv.11)

Rotation telegammatherapy of inoperable pulmonary cancer. Vest. rent.  
1 rad. 36 no. 1:32-36 Je-F '61. (MIRA 14:4)

1. Iz radiologicheskogo otdela (zav. - prof. A.V. Kozlova)  
Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo  
instituta Ministerstva zdravookhraneniya RSFSR (dir. - prof. I.G.  
Lagunova).

(LUNGS—CANCER) (GAMMA RAYS—THERAPEUTIC USE)

DMOKHOVSKIY, V. V.; KORNEV, I. I.; PERESLEGIN, I. A.; RIMMAN, A. F.

Selection of basic parameters for the telegamma apparatus. Nov. med.  
(MIRA 14:12)  
tekh. no.1:38-46 '61.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh  
instrumentov i oborudovaniya Gosudarstvennyy nauchno-issledovatel'-  
skiy rentgeno-radiologicheskiy institut.

(GAMMA RAYS - THERAPEUTIC USE)

PERESLEGIN, I.A.; ZUBCHUK, N.V.; KORNEV, I.I.

Sclerotic changes in the lungs following radiotherapy for pulmonary cancer. Med.rad. 7 no.6:50-55 Je '62. (MIRA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR.  
(LUNGS--CANCER) (X RAYS--THERAPEUTIC USE)

DMOKHOVSKIY, V.V.; PERESLEGIN, I.A.; KORNEV, I.I.; RIMMAN, A.F.

Optimum value of energy in rotation radiotherapy. Med.rad. 7  
no.6:14-18 Je '62. (MIRA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-  
radiologicheskogo instituta Ministerstva zdravookhraneniya  
RSFSR.

(RADIOTHERAPY)

KORNEV, I.I.

Optimum conditions of irradiation for patients with pulmonary cancer in rotational distance gamma therapy. Med.rad. 7 no.6: 18-32 Je '62. (MIRA 15:8)

1. Iz radiologicheskogo otdela (zav. - prof. A.V. Kozlova) Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR.  
(LUNGS—CANCER) (GAMMA RAYS—THERAPEUTIC USE)

LAGUNOVA, I.G. (Moskva); TSYBUL'SKIY, B.A. (Moskva); KORNEV, I.I. (Moskva)

First experience of treating cancer of the cardial portion of  
the stomach by means of 25 Mev. betatron, Trudy Tsentr, naush-  
ieskiy inst. rentg. 1 rad. 11 no. 1157-164 164  
(MIRA 18:11)

KORNEV, I. P., AGUL'NIK, M. A.

\*Mikrobiologija Miasnykh i Ptitsoproduktov [Microbiology of Meat and Poultry Products]. Manual for technical schools (technicum). Pishcherpromizdat. 1959, p. 125, 10 pictures; 3,000 copies, price 2 r. 75 k. without cover.

KRAPIVNER, L. M. (Senior Veterinary Surgeon, Riga Port Refrigerator) (Reviewer). A valuable book \*, Veterinariya, Vol. 37, No. 11, p. 89, 1960.

KORNEV, I. S.

L 42067-65 EWT(1)/EWA(j)/EWA(b)-2 JK

4

ACCESSION NR: AP5010902	UR/0286/65/000/007/0092/0093
AUTHORS: Markovich, A. V.; Vorob'yev, A. A.; Vasil'yev, N. N.; Patrikeyev, G. T.; Yenichev, V. M.; Zybina, V. D.; Kornev, I. S.; Shevelov, V. M.; Anan'yeva, Ye. P.	
TITLE: Botulitic anatoxins of types A and B. Class 30, No. 169751 23	
SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 7, 1965, 92-93 B	
TOPIC TAGS: anatoxin, toxic substance, botulism, inoculation	
ABSTRACT: This Author Certificate presents botulitic anatoxins, purified, concentrated, and sorbed with aluminum hydroxide. To produce in the blood of the inoculated people the antitoxic titers of types A and B and of the order 1-3 AE/ml, one ml of each preparation is made to contain 1000 antigenic units (ME per one AE) of the corresponding anatoxins with specific activity of no less than 3000 EC/1 mg of total nitrogen and not over 3.5 mg of aluminum hydroxide.	
ASSOCIATION: none	
SUBMITTED: 18 May 60	ENCL: 00
NO RFP SOV: 000	OTHER: 000
Card 1/1	SUB CODE: LS

VOROB'YEV, A.A.; VASIL'YEV, N.N.; PATRIKEYEV, G.T.; ZYBIN, V.D.; KORNEV, I.S.;  
ANAN'YEVA, Ye.P.; Prinimali uchastiye: ANDROSHCHUK, S.M.; IGOINA, Yu.S.;  
SHMELEV, V.M.; MORDUYEVA, A.A.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.;  
CHERNOVÁ, Yu.S.; POYARKOVA, M.A.

Study of botulin anatoxins. Report No.1: Botulin anatoxin type A.  
Zhur. mikrobiol., epid. i immun. 32 no.9:31-36 S '61. (MIRA 15 2)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VOROB'YEV, A.A.; VASIL'YEV, N.N.; YENICHEV, V.M.; PATRIKEYEV, G.T.;  
SHEVELEV, V.M.; ZYBIN, V.D.; KOINEV, I.S.; ANAN'Yeva, Ye.P.  
Prinimali uchastiye: ANDROSHCHIUK, S.M.; NIKOLAYENKO, Yu.P.;  
MAKAROVA, V.A.; CHERNOVA, Yu.S.; BOYARKOVA, M.A.; IGDONINA, Yu.A.;  
MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.2: Botulin anatoxin type B.  
Zhur.mikrobiol., epid. i immun. 32 no.10:68-72 0 '61. (MIRA 14:10)  
(CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SAMORODOV, L.M.; VORONTSOV, I.V.;  
PATRIKEYEV, G.T.; MAKARENKO, M.M.; ~~Prinimali uchastiye:~~  
ANDROSHCHUK, S.M.; ZYBIN, V.D.; KORNEV, I.S.; NIKOLAYENKO,  
Yu.P.; CHERNOVA, V.A.; IGONINA, Yu.A.; MORDUYEVA, A.A.

Study of botulin anatoxins. Report No.4: Botulin anatoxin type  
E. Zhur. mikrobiol., epid. i immun. 33 no.1:72-79 Ja '62.  
(MIRA 15:3)  
/ / (CLOSTRIDIUM BOTULINUM) (TOXINS AND ANTITOXINS)

VOROB'YEV, A.A.; KOROBOV, A.M.; POYARKOVA, M.A.; KORNEV, I.S.;  
ANDROSHCHUK, S.M.; prinimali uchastiye: MORUYEVA, A.A.; IGDINA,  
Yu.A.; CHERNOVA, Yu.S.; NIKOLAYENKO, Yu.P.; MAKAROVA, V.A.

Method for preparing sorbed tetanus anatoxin from a purified and  
concentrated toxin. Zhur.mikrobiol., epid.i immun. 33 no.8:107-112  
Ag '62. (MIRA 15:10)

(TOXINS AND ANTITOXINS) (TETANUS)

KORNEV, I.S., YENICHEV, V.M.; MORDUYEVA, A.A.; IGONINA, Yu.A.; PATRIKEYEV, G.T.; ANDROSHCHUK, S.M.; ZYBIN, V.D.; SHISHULINA, L.M.

Culture media other than meat extracts for the preparation of  
A and B botulin anatoxins. Vak. i syv. no.1:3-11 '63.  
(MIRA 18:8)

SCORIEN, I.S.S. K-1979, S.M.

Coconut oil based oil and fish culture method for producing tetanus  
antitoxin. Tela. 3 May. No. 1964-70 163.

(MIRE 2848)

BTR KORNEY, Ie. V.

4099- The Influence of Carbon on the Self-Diffusion of Iron.  
(In Russian.) P.L. Gruzin, Ir.V. Kornev, and G. V. Kurdiunov.  
Doklady Akademii Nauk SSSR, New ser., v. 80, Sept. 1, 1951, p.49-  
51. Radioactive Fe <sup>59</sup> was used to study the Self-diffusion of Fe in  
various steels. Data are discussed, tabulated, and charted.

KORNEV, I. V., (Engr)

Textile Technology

Dissertation: "Determination of Critical Speeds of a Bobbin With a Stationary Spindle."  
Cand Tech Sci, Moscow Textile Inst, 25 Mar 54. (Vechernaya Moskva Moscow, 16 Mar 54)

SO: SUM 213, 20 Sep 1954

KORNEV, I.V.

The R-200-ShL silk spreader machine. Biul. tekhn.-ekon. inform. no.1:  
46-47 '57. (NIRA 11:4)  
(Silk manufacture)

KORNEV, I.V.  
KORNEV, I.V. inzh.

The PIN-1 gauge. Tekst. prom, 18 no.1:52-53 Ja '58. (MIRA 11:2)  
(Dynamometer)

ZAKHAROV, G.N.; KORNEV, I.V.

Instruments for measuring basic parameters of fabric construction.  
Tekst.prom. 18 no.10:30-34 0 '58. (MIRA 11:11)  
(Textile fabrics) (Weaving)

KORLYSSKII, Ya.I.; KUZNETSOV, V.S.; KORNEV, I.V.; LEBEDEVA, N.N.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824710011-

High-lifting spindles for large packages. Biul.tekh.-ekon.inform.  
no.11:55-57 '59. (MIRA 13:4)  
(Spinning machinery)

KORNEV, I.V.; POLYAKOVSKIY, L.Yu.; ZONOV, B.T.; ZAKHAROV, V.A.; KORITYSSKIY, Ya.I.

Results of the investigation of Zultser looms. Tekst. prem.  
19 no.6:30-35 Je '59. (MIRA 12:9)

1. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta  
tekstil'nogo i lekkoego mashinostroyeniya.  
(Looms)

KORITYSSKIY, Ya.I.; KUZNETSOV, V.S.; KORNEV, I.V.; LEBEDEVA, N.N.

New high-lifting spindle for large packages. Tekst. prom. 19  
no.9:32-35 S '59. (MIRA 12:12)  
(Spinning machinery)

KORITYSSKIY, Ya. I.; KORNEV, I. V.; ODINTSOVA, A. P.; KATSMAN, Z. Ya.

PMK apparatus for testing bobbins. Tekst.prom. 20 no. 9:23-26 S  
'60. (MIRA 13:10)

1. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta  
tekstil'nogo i lekogo mashinostroyeniya (for Koritysskiy, Kornev).  
2. Rabotniki fabriki "Krasnaya krutil'shchitsa" (for Odintsova,  
Katsman).

(Bobbins (Textile machinery)--Testing)

MAKAROV, I.T.; KORNEV, I.V.

Reducing noise in textile factories. Tekst.prom. 20 no.9:77-79  
(MIRA 13:10)  
S '60.  
(Textile machinery—Noise)

KORNEV, I.V.; METIN, V.S.

Reducing noises in twister sections of synthetic fiber plants.  
(MIRA 15:4)  
Khim.volok. no.2:44-49 '62.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tekstil'nogo i  
i legkogo mashinostroyeniya.  
(Textile machinery)

KORNEV, I.V.; ARISTOV, P.I.

Textile industry and manufacture of textile machinery in the Polish People's Republic. Tekst.prom. 23 no.4:14-15 '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i tekstil'nogo mashinostroyeniya (VNILLTekmash) (for Kornev).
2. Ivanovskiy nauchno-issledovatel'skiy institut khlopcatobumazhnay promyshlennosti (IvNITI) (for Aristov).  
(Poland—Textile industry) (Poland—Textile machinery)

KORNEV, I.V. [translator]; ARISTOV, P.I. [translator]

Research in the field of spinning; from the materials of the 4th  
International Conference of Textile Representatives in the Polish  
People's Republic. Tekst.prom. 23 no.4:29-33 Ap '63. (MIRA 16:4)  
(Spinning machinery)

LINETSKIY, Aleksandr [Linecki, A.]; KROTOVSKIY, Zigmund [Krotowski, Z.];  
YEDERAN, Miklosh [Miklos, Jederan]; KORNEV, I.V. [translator]

Research in the field of weaving; from the materials of the 4th  
International Conference of Textile Representatives in the  
Polish People's Republic. Tekst.prom. 23 no.4:44-51 Ap '63.  
(MIRA 16:4)

1. Kafedra tekstil'noy tekhnologii Budapestskogo politekhnicheskogo  
instituta, Vengerskata Narodnaya Respublika (for Yederan).
2. TSentral'noye tekhnicheskoye byuro promyshlennosti tekstil'nykh  
mashin, Pol'skaya Narodnaya Respublika (for Linetskiy, Krotovskiy).  
(Looms)

LEBEDEVA, N.N., nauchnyy sotrudnik; SAFONOVА, A.I., nauchnyy sotrudnik;  
KORNEV, I.V., nauchnyy sotrudnik; STEPANOVA, Z.S., nauchnyy  
sotrudnik; SHIPOV, M.G.

Reducing the wear of spindle pins due to the continuous lubricant  
filtration in their bushings. Tekst. prom. 25 no.4:69-71 Ap '65.  
(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut legkogo i  
tekstil'nogo mashinostroyeniya (for Lebedeva, Safonova, Kornev).
2. Ivanovskiy energeticheskiy institut im. Lenina (for Stepanova).
3. Nachal'nik energotekhnika Krasnovolzhskogo khlopchatchumazhnogo  
kombinata (for Shipov).

KORNEV, K. [Korniev, K.]

Materials of the future. Nauka i zhyttia 11 no.1:24-26  
Ja '62. (MIRA 15:2)

1. Chlen-korrespondent AN USSR.  
(Polymers)

KORNEV, K.

Meat industry in the first half of 1963. Mias. ind. SSSR 34  
no.4:43-44 '63. (MIRA 16:10)

1. Sovet narodnogo khozyaystva SSSR.

KORNEV, K. [Korniev, K.]; PAZENKO, Z., kand.khim.nauk

Heat-resistant plastics. Nauka i zhyttia 12 no.9:42-43 3  
'62. (MIRA 16:1)

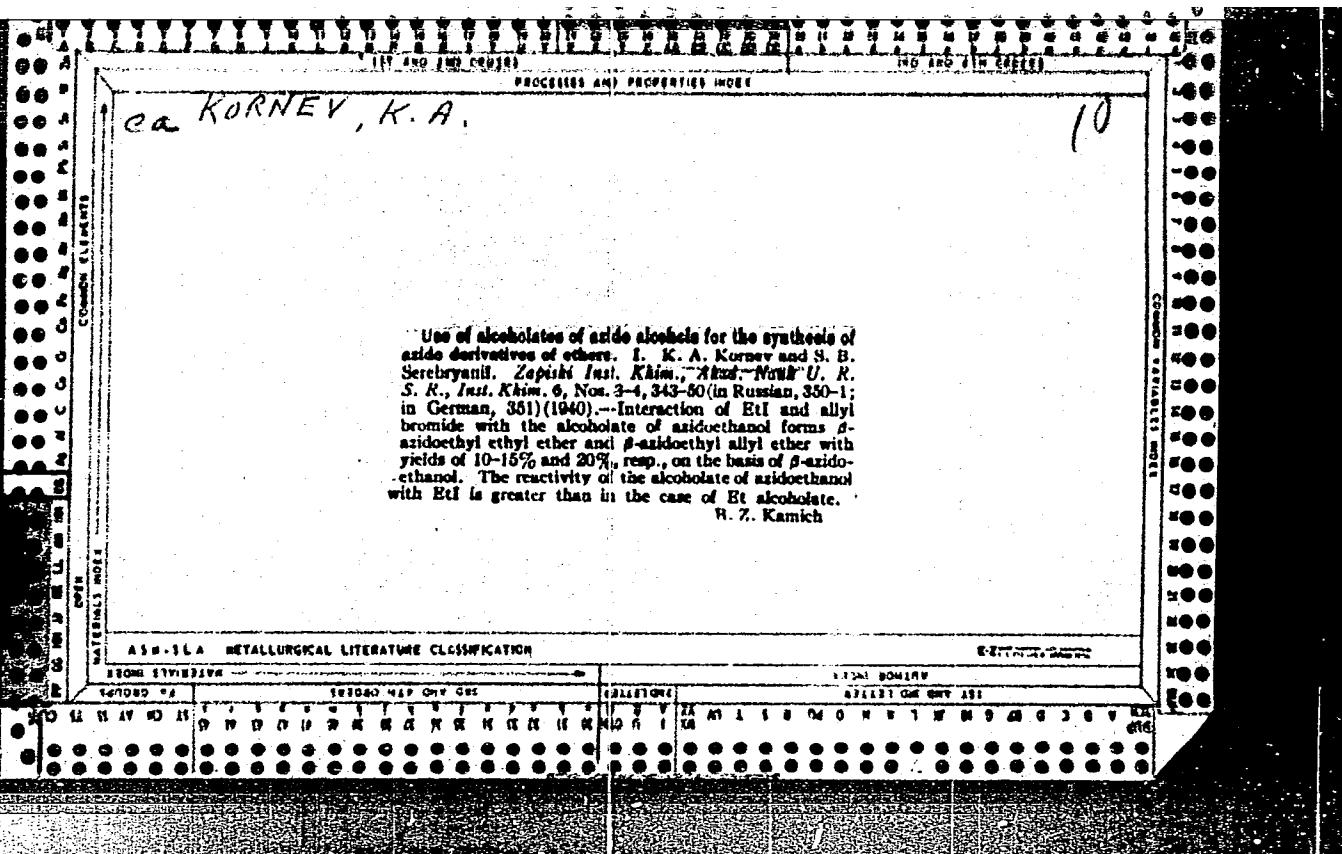
1. Chlen-korrespondent AN UkrSSR (for Kornev).  
(Plastics)

KORNEV, K.

Some comparison data on the operations of the meat industry during 1962.  
Mias.ind. SSSR 33 [i.e.34] no.2:44-47 '63. (MIRA 16:4)

1. Sovet narodnogo khozyaystva SSSR, Upravleniye pishchевой  
promyshlennosti.

(Meat industry)



KORNEV, K. A.

USSR/ Chemistry - Organic chemistry

Card 1/2      Pub. 22 - 16/47

Authors      \* Kornev, K. A.

Title      \* The chemism of phenetole chlorination reaction with N, N-dichlorobenzene-sulfonamide in dichloroethane

Periodical      \* Dok. AN SSSR 100/6, 1091-1093, Feb 21, 1955

Abstract      \* The facts pertaining to the diazoaminobenzene initiated phenetole chlorination reaction with N, N-dichlorobenzenesulfonamide leading to the formation of free radicals and the radical-chain mechanism connected with the chlorination reaction are analyzed.

Institution: Academy of Sciences Ukr SSR, Institute of Organic Chemistry

Presented by: Academician V. N. Kondratyev, September 20, 1954.

Periodical : Dok. AN SSSR 100/6, 1091-1093, Feb 21, 1955

Card 2/2 Pub. 22 - 16/47

Abstract : Experiments showed that N,N-dichlorobenzenesulfonamide does not react with phenetole in a dichloroethane solution at a temperature of 25° and that only the addition of diazoaminobenzene promotes an energetic reaction. It was established on the basis of kinetic data that N,N-dichlorobenzenesulfonamide in reaction with phenetole yields a certain monochloro-amine distinguished by low reactivity. Five references: 3 USA, 1 Swiss and 1 Belgian (1937-1950). Graphs.

Kornet, K. H.

Nature of radicals formed in industrial chlorination of phenol by *N,N*-dichlorobenzene sulfonyl chloride in dichloroethane. K. A. Kurnev, Dikdaly, Akad. Nauk

S.S.R. 105, 721 (1966); cf. C. A. 50: 24624. — Chlorination of PhOEt with PhSO<sub>2</sub>NCl at 0° results, among other products, in formation of a substance, m.p. 82–3°, identified as PhSO<sub>2</sub>NCIN<sub>3</sub>NPh, formed apparently by recombination of radicals PhSO<sub>2</sub>NCl and PhN<sub>3</sub>N. This substance is an active initiator for chlorination of PhOEt; its kinetic curve being parallel to that of PhSO<sub>2</sub>NCl; the substance is regarded as a possible intermediate in this chlorination. The yield of material obtained on mixing cold (CH<sub>2</sub>Cl)<sub>2</sub> solns. of PhOEt and PhSO<sub>2</sub>NCl is high, but the prod. product is very difficult to purify, owing to ready decomposit. With 2-impithol and PhNMe<sub>2</sub>, the substance forms yellow dyes; in a.c. soln. PhNMe<sub>2</sub> yields *p*-*N,N*-dimethylaminobenzene. The Cl atom in the substance is quantitatively removed by AgNO<sub>3</sub> in the cold. The filtrate obtained after isolation of the triazine was elutriated (aphid. on Al<sub>2</sub>O<sub>3</sub> yielding an unstated amt. of *p*-dichlorobenzene, m.p. 173–

52

G. M. Koslapoff

Inst. Organic Chem., Acad. Sci. Ukr. SSR

KORNEV K.A.

"Phosphoric Acid Aryldiethylenetriamides. I," by K. A. Kornev  
and L. D. Protsenko, Ukrainian Scientific Research Sanitary-  
Chemical Institute, Ukrainskiy Khimicheskiy Zhurnal, Vol 22,  
No 6, 1956, pp 782-783

Phosphoric acid triethylenetriamide (TEF) was found to be active in the treatment of leukemia, lymphogrammolomatosis, and cancer of the lungs. It has a general alkylating action and is capable of inhibiting the growth of malignant tumors to a significant degree. It therefore seemed interesting to the authors to further investigate derivatives of TEF. Six new phosphoric acid aryldiethylenetriamides of the type  $\text{ArNHPO}\left(\text{N}-\text{CH}_2-\text{CH}_2\right)_2$

were prepared having the following aryl groups: phenyl, p-tolyl, p-chlorophenyl, 2,4-dichlorophenyl, 2,4,6-trichlorophenyl, and p-nitrophenyl.

Surm. 12.8.7

KURNEV, N. A.

✓  $\beta$ -Alkoxethyl bis( $\beta$ -chloroethyl)amides. K. K. Kholodenko and K. A. Kornev. *Krain. Khim. Zhar.* 22, 784-6.

(1966) (in Russian). — (C<sub>1</sub>Cl<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>N<sub>2</sub> heated with ROH forms the following RO(CH<sub>2</sub>)<sub>2</sub>N(CH<sub>2</sub>CH<sub>2</sub>Cl)<sub>2</sub> (R and m.p. of HCl salt given): Bu, 114°; iso-Pr, 103°; Bu, 126°; Et(MeCH<sub>2</sub>CH<sub>2</sub>)<sub>2</sub>, 122.5°; Cd<sub>2</sub>, 115°; C<sub>6</sub>H<sub>5</sub>CF<sub>3</sub>Me, 118.5°; CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>, 121.5°; cyclohexyl, 150°; PhCH<sub>3</sub>, 112-13°; [PhCH<sub>2</sub>O(CH<sub>2</sub>)<sub>2</sub>N(CH<sub>2</sub>)<sub>2</sub>Cl, 77-8°. The compounds may be useful in the treatment of malignant neoplasias.

John Horne Scott

3

JM  
MC

73-3-9/24

AUTHOR: Kornev, K. A. and Korobeynikova, L. A.TITLE: Initiated Bromination by N-Bromsuccinimide of Certain Phenol and Thiophene Ethers. (Initsiirovannoye Bromirovaniye N-bromsuccinimidom Nekotorykh Efirov Fenola i Tiofena)PERIODICAL: Ukrainskiy Khimicheskiy Zhurnal, 1957, Vol. 23, No. 3, pp. 341-343 (USSR).

ABSTRACT: The authors previously published reports on the action of diazoaminobenzene as initiator during the chlorination of phenetols with N,N-dichlorobenzene sulphamide (Ref. 1 and 2). According to Buu-Hoi (Ref. 3) phenetol, anisol and other phenol ethers react comparatively slowly with N-bromsuccinimide, e.g. on heating phenetol over a water bath 16 hours are required for bromination. The authors have attempted to increase the rate of bromination by using diazoaminobenzene as inductor. An addition of 0.001 mole of the compound shortened considerably the reaction period. Experiments were carried out under identical conditions and with the same reagents as described by Buu-Hoi. Results of the experiments are tabulated together with comparative literature data. Experimental details of the bromination of anisole, phenetol, veratrole, thiophene and the bromination of the

Card 1/2

73-3-9/24

Initiated Bromination by N-Bromsuccinimide of Certain Phenol and Thiophene Ethers.

dimethyl ether of hydroquinone are given. The authors have proved that the addition of diazoamino benzene increases the rate of bromination and that a 44 - 76% yield of monosubstituted anisole, phenetol, veratrole, 1,4-dimethoxy benzene and thiophene is achieved. There are 1 table and 7 references, 3 of which are Slavic.

SUBMITTED: September, 17, 1956.

ASSOCIATION: Institute of Organic Chemistry, Academy of Sciences, Ukrainian SSR. (Institut Organicheskoy Khimii AN USSR)

AVAILABLE: Library of Congress.

Card 2/2

*KORNEV, D. A.*  
RAPP, L.B.; KORNEV, K.A.

Synthesis of certain fatty-aromatic chloralkylamines. Ukr. khim. zhur. 23 no.5:637-641 '57. (MIRA 10:11)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

(Aromatic compounds) (Amines)

KORNEV, K.A. [Korniev, K.A.], doktor khim.nauk

APPROVED FOR RELEASE: 06/14/2000-16 CIA-RDP86-00513R000824710011

(MIRA 12:9)

(Polymers)

PROTSENKO, L.D.; KORNEV, K.A.

Acyldiethylene of phosphoric triamide. Ukr.khim.zhur. 24 no.5:  
636-638 ' 58. (MIRA 12:1)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy  
institut.  
(Phosphoric triamide)

KOTON, Mikhail Mikhaylovich; KOHNEV, K.A., doktor khim.nauk, otd.red.;  
KIL'EROG, N.M., red.; LISOVETS, A.M., tekhn.red.

[New polymers in the national economy] Novye polimery v narodnom  
khoziaistve. Kiev, Izd-vo Akad.nauk USSR, 1959. 37 p.  
(MIRA 13:5)  
(Polymers)

15 (2), 15 (6)

AUTHOR: Kornev, K. A., Doctor of Chemical Sciences SOV/30-59-5-25/43

TITLE: Investigation Tasks in the Field of Polymers in the Ukraine  
(Zadachi issledovaniy v oblasti polimerov na Ukraine)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 5, pp 105-107 (USSR)

ABSTRACT: In the course of the Seven-year Plan the chemical industry in the Ukraine is to be developed to such an extent, as to be in a position to process the Republic's natural resources - natural gas, petroleum, pit coal, and lignite as well as the wastes of agriculture. Among the scientific centers established there in the past 18 months, the following are especially mentioned: Institut khimii polimerov i monomerov Akademii nauk USSR (Institute for the Chemistry of Poly- and Monomers of the Academy of Sciences of the UkrSSR); Research Laboratories of the Kiyev, Khar'kov and L'vov Polytechnic Institutes; the laboratoriya Dnepropetrovskogo khimiko-tehnologicheskogo instituta (Laboratory of the Dnepropetrovsk Chemico-technological Institute). To be completed are the Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna ✓

Card 1/3

Investigation Tasks in the Field of Polymers in the Ukraine 07/30-59-5-25/43

(Ukraine Branch of the All-Union Scientific Research Institute for Synthetic Fibers), the Institut pl. i. Gospol'stva Gosplana USSR (Institute of Synthetics of the State Planning Committee of the UkrSSR). The Institute for the Chemistry of the Poly- and Monomers in cooperation with the Institut ispol'zovaniya gaza (Institute of Gas Exploitation) has now begun working out the technical scheme of obtaining olefins from ethane-propane fractions of the gases in the Shebelinskoye area. It is furthermore planned there to work on the synthesis of polymers for the production of refractory synthetics. The Ukraine Chemical Institute for Coals, the Khar'kov Polytechnic Institute and the Khar'kov Economic-engineering Institute are jointly concerned with problems of raw material resources, technology, economy, and theoretical foundations of high and near temperature coking of coal. The Institut toploenergetiki Akademii nauk USSR (Institute of Thermal Energy of the UkrSSR) is carrying out investigations on the rational thermal processing of lignite. The Meeting of the AS UkrSSR in November 1958 was devoted to problems concerning the development of chemistry in the Republic. Among those attending were

Card 2/3

Investigation Tasks in the Field of Polymers in the Ukraine

SOV/10-59-5-25/43

co-workers of the State Planning Committee of the Ukrainian National Economy Councils, leading engineers of chemical enterprises and scientists from a number of scientific research institutes and Ukrainian universities. Under discussion was the perspective plan in the field of the production of polymer compounds and raw materials with respect to the Ukraine's natural resources as well as the contact between the Ukraine's institutes and the AS USSR. In the Institut neftekhimicheskogo sinteza (Institute for Petroleum-chemical Synthesis) and Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute for High-molecular Compounds of the AS USSR) post-graduate students are to be trained to work in these new Ukrainian scientific centers. ✓

Card 3/3

KOPYTOV, V.F., otv.red.; KORNEV, K.A., doktor khim.nauk; red.; KLIMENKO, V.Ya.,  
kand.geol.-miner.nauk, red.; SHUL'MAN, I.F., red.izd-va;  
KADASHEVICH, O.A., tekhn.red.

[Complete utilization of fuel gases of the Ukraine; natural and  
industrial gases of the Ukraine; natural and industrial gases]  
Kompleksnoe ispol'sovanie goriuchikh gazov Ukrayiny: prirodnye i  
promyshlennye gazy. Kiev, Izd-vo Akad.nauk USSR, 1960. 256 p.  
(MIRA 13:4)

1. Akademija nauk URSR, Kiyev. Instytut vyukorystannia hasu.
2. Chlen-korrespondent AN USSR; Institut ispol'sovaniya gaza AN  
USSR (for Kopytov).
3. Institut geologicheskikh nauk AN USSR (for  
Klimenko).

(Ukraine--Gas, Natural)  
(Ukraine--Gas manufacture and works)

KORNEV, K.A. [Korniev, K.A.], doktor khim.nauk

For the production of synthetic materials. Nauka i shchittia  
10 no.1:12 Ja '60. (MIRA 13:6)

1. Ispolnyayushchiy obyazannosti direktora Instituta khimii  
polimerov i monomerov AM USSR.  
(Kiev--Chemical research) (Polymers)

15-8112

87522

S/073/60/026/002/010/015  
B023/B067AUTHORS: Gornostayeva, S. Ye. and Kornev, K. A.

TITLE: Aminomethylation of Some Aromatic Compounds

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, 1960, Vol. 26, No. 2,  
pp. 227-232

TEXT: The authors attempted to synthesize a number of aliphatic-aromatic diamines and to study the possibility of their application in the production of polyamides. They obtained condensation products of N-chloromethyl phthalimide with benzene, diphenyl, naphthalene, diphenyl ether, and diphenyl methane. The results are shown in Table 1. They indicate the following yields:

benzene	96.5%	$C_{24}H_{16}N_2O_4$
diphenyl	48.7%	$C_{30}H_{20}N_2O_4$
naphthalene	82.2%	$C_{28}H_{18}N_2O_4$
diphenyl ether	65.1%	$C_{30}H_{20}N_2O_5$

Card 1/3

87522

Aminomethylation of Some Aromatic Compounds

S/073/60/026/002/010/015  
B023/B067diphenyl methane 78.3%  $C_{31}H_{22}N_2O_4$ 

The authors obtained the following aliphatic-aromatic diamines by means of a hydrolytic cleavage of the condensation products; p-xylylene diamine, 4,4'-di-(aminomethyl)-diphenyl, 4,4'-Di-(aminomethyl)-diphenyl ether, 4,4'-Di-(aminomethyl)-diphenyl methane, and Di-(aminomethyl)-naphthalene. The diamines were identified in the form of picrates and diacetyl derivatives. The results are shown in Tables 3 and 4. The diamine structure was proved by oxidizing them into the corresponding dicarboxylic acids and by identifying their dimethyl esters. Table 5 shows the melting points of the dicarboxylic acids obtained and their dimethyl esters. The following scheme is given for the production of aliphatic-aromatic diamines, in this case, of p-xylylidene diamine. (See card 3 of 3 for scheme) There are 5 tables and 35 references: 13 Soviet, 8 US, 3 British, 7 German, 3 Japanese, and 1 Swiss.

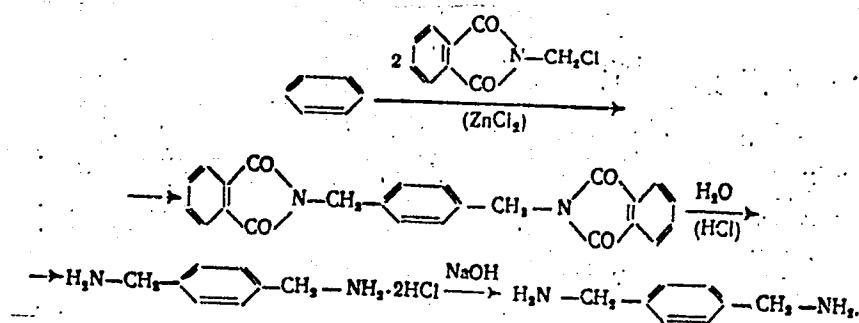
ASSOCIATION: Institut khimii polimerov i monomerov AN USSR (Institute of Polymer and Monomer Chemistry of the Academy of Sciences UkrSSR)

SUBMITTED: September 10, 1959

Card 2/3

87522

S/073/60/026/002/010/015  
E023/D067



Card 3/3

KORNEV, K.A.; KHOMANKOVA, K.K.

Synthesis of some chloroalkylamines of the pyrimidine series.  
Zhur.prikl.khim. 33 no.7:347-350 J1 '60.  
(MIRA 13:7)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy  
institut.  
(Amines) (Pyrimidine)

53600

68819

AUTHORS: Kornev, K. A., Yangol', G. A. S/020/60/131/01/034/060  
B004/B011

TITLE: Macroscopic Stages in the Initiated Reaction of the Bromination of Phenetol by N,N-Dibromo-5,5'-dimethyl Hydantoin in Dichloro Ethane

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 131, Nr 1, pp 122 - 124 (USSR)

ABSTRACT: The authors proceed from the observations made by N.M.Emanuel' (Ref 1), who pointed out that macroscopic stages are likely to occur in chain reactions. While such stages have hitherto been observed chiefly in oxidations, the authors report on the occurrence of a macroscopic stage in the reaction mentioned in the title. Figure 1 shows the kinetic curve of the consumption of N,N-dibromo-5,5'-dimethyl hydantoin (DBDMH) in the bromination of phenetol initiated by diazo amino benzene. It allows two stages to be identified, a quick one for the consumption of the first bromine atom, and a slow one for the brominating action of the bromine atom of monobromo dimethyl hydantoin (BDMH) developing during the reaction. The action of the latter was examined by special experiments, in the course of which the kinetic curve was accurately reproduced. BDMH enters into re-

Card 1/2

PROTSENKO, L.D.; KORNEV, K.A.

Diethylenediamides of alkyl - and arylurethanphosphoric acids.  
(MIRA 14:3)  
Ukr. khim. zhur. 27 no.2i243-244 '61.  
(Urethanphosphoric acid)

PROTSENKO, L.D.; KORNEV, K.A.; BOGODIST, Yu.I.

Synthesis of some fluorinated acyl- and aryl diethylenetriamides  
of phosphoric acid. Ukr.khim.zhur. 27 no.3:357-359 '61.  
(MIRA 14:11)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy  
institut.

(Phosphoric acid)  
(Polyamides)

RAPP, L.B.; KORNEV, K.A.

Study of certain properties of chloroethylamines of the aliphatic  
aromatic series. Ukr.khim.zhur. 28 no.2:222-225 '62.  
(MIRA 15:3)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskij  
institut.

(Amines)

PROTSENKO, L. D.; KORNEV, K. A.

Tetraethylenamides of diphosphoric esters of some diatomic phenols. Ukr. khim. zhur. 28 no.6:719-720 '62.  
(MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

(Amides) (Pyrophosphoric acid) (Phenols)

KORNEV, K.A. [Korniev, K.A.]; GREKOV, A.P. [Grekov, A.P.]; YANCHIVSKII, V.A.  
[Yanchivs'kyi, V.A.]

Production of high-purity caprolactam. Khim. prom. [Ukr.] no.1:  
16-17 Ja-Mr '63 (MIRA 17:7)

1. Institut khimii polimerov i monomerov AN UkrSSR.

GREKOV, A.P. [Hrekov, A.P.], kand. khim. nauk; KORNEV, K.A. [Korniev, K.A.], doktor khim. nauk; SUKHORUKOVA, S.A.

Production of powder capron by means of alkaline polymerization in organic solvents. Khim. prom. [Ukr.] no.4:25-28 O-D'63.  
(MIRA 17:6)

KORNEV, K.A. [Korniev, K.A.], doktor khim. nauk; KACHAN, A.A., kand. khim. nauk; LOKHMACHOV, V.F.; VOYTSEKHIVS'KIY, R.V. [Voitsekhivs'kyi, R.V.], kand. khim. nauk

Using ultraviolet spectroscopy for the investigation of the photodisintegration of polycaprolactam. Khim. prom. [Ukr.] no.1:65-66 Ja-Mr'63 (MIRA 17:7)

1. Institut khimii polimerov i monomerov AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR (for Kornev).

ACCESSION NR: AT4034001

8/1000/63/000/000/0166/0169

AUTHOR: Kornev, K. A.; Grekov, A. P.; Sukhorukova, S. A.

TITLE: Investigation of the process of polymerization of lactams in organic solvents. I. Polymerization of Epsilon-caprolactam in the presence of the sodium salt of caprolactam and acetylcaprolactam

SOURCE: Geterotseplnye vy-sokomolekulyarnye soyedineniya (Heterochain macromolecular compounds); sbornik statey. Moscow, Izd-vo "Nauka," 1963, 166-169

TOPIC TAGS: polymerization, lactam, lactam polymerization, acetylcaprolactam, caprolactam, polymerization catalyst

ABSTRACT: The authors studied the effect of temperature and the concentration of the sodium salts of caprolactam and N-acetylcaprolactam as catalysts on the polymerization of caprolactam in decalin,  $\alpha$ -methylnaphthalene, diphenyloxide, chlorobenzene, xylene, toluene, petroleum ether, ethyl ether, etc. A measured amount of the sodium salt was dissolved in 4.52 g of purified  $\epsilon$ -caprolactam, 20 ml of a solvent was added, and the solution, in a cylindrical vessel was dipped in an oil bath whose temperature of 150 or 180°C was maintained constant within  $\pm 2^\circ\text{C}$  in each procedure. After 10-15 min. a measured amount of the

Card 172

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824710011-

ACCESSION NR: AT4034001

acetyl derivative was added to the mixture, causing immediate precipitation of polycaprolamide in the form of a powder or solid mass. Within the 5 next minutes the polymerization was completed and the polymer prepared was filtered hot, washed with benzene and petroleum ether and dried to a constant weight at 80-100°C. The polymerization was found to occur in nonpolar solvents within a few minutes with a satisfactory yield. The latter increases to about 80% with an increase in temperature (190°C) and a decrease in catalyst concentration down to 0.01-0.05 mol/mol caprolactam. Orig. art. has: 2 figures.

ASSOCIATION: Institut khimii polimerov i monomerov AN SSSR (Institute of Polymer and Monomer Chemistry, AN Ukr.SSR)

SUBMITTED: 25Oct62

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: 00

NO REF Sov: 002

OTHER: 007

Card 2/2

GREKOV, A.P. [Hrekov, A.P.], kand. khim. nauk; KORNEV, K.A. [Korniev, K.A.];  
doktor khim. nauk; YAROVYI, D.N. [IArovyl, D.N.]

Alkali polymerization of caprolactam. Khim. prom. [Ukr.] no. 3:48-50  
(MIRA 17:8)  
Jl-S '63.

1. Institut khimii polimerov i monomerov AN UkrSSR.

KORNEV, K.A.; SHRUBOVICH, V.A.; MOZDOR, Ye.V.; CHERNYAVSKIY, G.V.

Condensation of  $\alpha$ -chloroethylbutyl ether with naphthalene,  
acenaphthene, and phenanthrene. Ukr. khim. zhur. 29 no.4;  
432-435 '63. (MIRA 16:6)

1. Institut khimii polimerov i monomerov AN UkrSSR.  
(Ethers) (Aromatic compounds)

S/073/63/029/004/003/003  
A057/A126

AUTHORS: Smirnova-Zamkova, S.Ye., Kornev, K.A.

TITLE: Polyamides with aromatic and heterocyclic links in the chain

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, v. 29, no. 4, 1963, 435 - 439

TEXT: Polyamides based upon diaminoalkyl derivatives of aromatic compounds are of special interest because of an increased heat resistance. In connection herewith the authors started investigations on the properties of polyamides based on different monomers with aromatic or heterocyclic rings. In an earlier paper a synthesis was described of aliphatic-aromatic diamines by aminomethylation of aromatic compounds (Ukr. khim. zhur., v. 26, 1960, 227). In the present paper the synthesis and the characteristics of 24 new polyamides are described, obtained from 2,5-di-(aminomethyl)-thiophene, 4,4'-di-(aminomethyl)-diphenyl ester, 4,4'-di-(aminomethyl)-diphenylmethane, and 4,4'-(diaminomethyl)-diphenyl and adipic, pimelic, azelaic, sebatic, isophthalic, and terephthalic acid. The syntheses were carried out by interfacial condensation. For a comparison polyamides from p-xylylenediamine were also prepared. The polyamides obtained are

Card 1/2

SMIRNOVA-ZAMKOVA, S.Ye.; KORNEV, K.A.; CHERNYAVSKAYA, G.A.

Aminomethylation of some derivatives of benzene. Ukr. khim. zhur. 29 no.4:459 '63. (MIRA 16:6)

1. Institut khimii polimerov i monomerov AN UkrSSR.  
(Benzene derivatives)  
(Aminomethylation)

L 12884-63

EPR/EWP(j)/EPF(c)/EWT(m)/BDS/ES(s)-2 AFFTC/ASD/SSD

Ps-4/Pc-4/Pr-4/Pt-4 RM/WW/JW/MAY

ACCESSION NR: AP3001451

S/0073/63/029/005/0523/0526

81

AUTHOR: Sarzhevskaya, V. P.; Kornev, K. A.; Smirnova-Zamkova, S. E.

80

TITLE: Polyamides having aromatic and heterocyclic groups in the chain. 3. Poly-  
amides based on hexamethylene diamine, n-xylylenediamine and pyridine-2,5-dicar-  
boxylic acidSOURCE: Ukrainskiy khimicheskiy zhurnal, v. 29, no. 5, 1963, 523-526TOPIC TAGS: polyamides, aromatic groups, heterocyclic groups, hexamethylene dia-  
mine, n-xylylenediamine, copolymers, resins-interphase condensation methodABSTRACT: Polyhexamethylene isocinchomeronamide was synthesized from hexamethylene diamine and pyridine-2,5-dicarboxylic acid by the interphase-condensation method described by Smirnova-Zamkova and Kornev (Ukr. khim. Zh., 28, 1962). Poly-n-xylylene isocinchomeronamide was similarly prepared using n-xylylenediamine. Copolymers were synthesized using the dibasic acid and mixtures of the mentioned dia-  
mines: an increase of the n-xylylene-diamine raised the fusion temperature and decreased solubility of these thermally stable resins. The best yield and highest molecular weight of these polyamides was obtained on the border of the water-chloroform phase. Changing concentration of the starting materials from 0.03 to 0.12

Card 1/2

L 12884-63

ACCESSION NR: AP3001451

mol/gm did not change the yield or viscosity of the polyamide solutions significantly. Orig. art. has: 3 tables, 1 figure.

ASSOCIATION: Institut khimii polimerov i monomerov, AN UkrSSR (Institute of Polymer and Monomer Chemistry, Academy of Sciences Ukrainian SSR)

SUBMITTED: 28Apr62

DATE ACQ: 12Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 007

OTHER: 004

Card 2/2

KORNEV, K.A.; SHRUBOVICH, V.A.; CHERNIAVSKIY, G.V.

Copolymerization of some derivatives of dihydronaphthalene  
and dihydroacenaphthene with maleic anhydride. Ukr. khim.  
zhur. 29 no.8:840-842 '63. (MIRA 16:11)

1. Institut khimii polimerov i monomerov AN UkrSSR.

SARZHEVSKAYA, V.P.; KORNEV, K.A.; SMIRNOVA-ZAMKOVA, S.Ye.

Polyamides with aromatic and heterocyclic links in the chain. Part 8: Polyamides based on some heterocyclic dicarboxylic acids and aliphatic diamines. Ukr. khim. zhur. 29 no.10:1076-1078 '63. (MIRA 17:1)

1. Institut khimii polimerov i monomerov AN UkrSSR.

GREKOV, A.P.; SUKHORUKOVA, S.A.; KORNEV, K.A.

Potentiometric determination of dicarboxylic acid hydrazides with po-  
tassium iodate. Zav.lab. 29 no.12:1436 '63. (MIRA 17:1)

1. Institut khimii polimerov i monomerov AN UkrSSR.

KORNEV, K.A., glav. red.; SHEVLYAKOV, A.S., red.; CHERVYATSOVA, L.L., red.; SMETANKINA, N.P., red.; YEGOROV, Yu.P., red.; ROMANKEVICH, M.Ya., red.; KUZNETSOVA, V.P., red.; PAZENKO, Z.N., red.; KACHAN, A.A., red.; VOYTSEKHOVSKIY, R.V., red.; GREKOV, A.P., red.; DUMANSKIY, I.A., red.; AVDAKOVA, I.L., red.; VYSOTSKIY, Z.Z., red.; GUMENYUK, V.S., red.; MEL'NIK, A.F., red.

[Synthesis and physical chemistry of polymers; articles on the results of scientific research] Sintez i fiziko-khimiiia polimerov; sbornik statei po rezul'tatam nauchno-issledovatel'skikh rabot. Kiev, Naukova dumka, 1964. 171 p. (MIRA 17:11)

1. Akademiya nauk URSR, Kiev. Institut khimii vysokomolekul'yanrykh soyedineniy. 2. Institut fizicheskoy khimii im. L.V. Pisarzhevskogo AN USSR (for Vysotskiy). 3. Institut khimii vysokomolekulyarnykh soyedineniy AN USSR (for Romankevich, Chervyatsova, Voytsekhovskiy).

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EWT(m)/EPF(c)/EPR/EWP(j)/

PC-4/Pr-4/PB-4

RPL

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RM

ACCESSION NR: AT5002656

S/0000/64/000/000/0024/0030

34

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AUTHOR: Shrubovich, V.A.; Chernyavskiy, G.V.; Semko, Yef. P.; Kornev, K.A.

B71

TITLE: Polymerization and copolymerization of 1,2-dialinSOURCE: AN UkrSSR. Institut khimii vysokomolekulyarnykh soyedineniy. Sintez i fiziko-  
chimicheskie polimerov, sbornik statey po rezul'tatam nauchno-issledovatel'skikh rabot  
(Synthesis and physical chemistry of polymers: collection of articles on the results of  
scientific research work). Kiev, Naukova dumka, 1964, 24-30TOPIC TAGS: dialin polymerization, dialin copolymerization, isoprene copolymer, sty-  
rene polymer, methyl methacrylate, sodium naphthalene catalystABSTRACT: The authors polymerized 1,2- and 1,4-dihydronaphthalenes in tetrahydro-  
furan at 40°C with varying amounts of sodium naphthalene catalyst and the  
copolymers of these dialins with styrene. The authors also studied the properties of  
these polymers, including the solubility, softening point, melting point, and  
heat resistance and solubility in organic solvents. The authors found that  
copolymers of 1,2-dialin 14% with styrene in tetrahydrofuran at 40°C  
with 10% sodium naphthalene catalyst does not yield a copolymer.

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copolymerized with styrene and isoprene, but not with methylmethacrylate. A brief description is given of the experimental procedure, polymer composition and properties. Orig. art. has: 3 figures and 3 tables.

ASSOCIATION: Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR (Institute of the Chemistry of High Polymers, AN UkrSSR)

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ACCESSION NR: AT6002657

IC-4/Pr-4/Ps-4 RPL WY/GS/RM  
S/0000/64/000/000/0030/0034

AUTHOR: Yangol', G. A.; Kornev, K. A.

TITLE: Preparation of polyamidourethans based on the diethylolamides of dibasic acids and hexamethylene diisocyanate

SOURCE: AN UkrSSR. Institut khimii vysokomolekulyarnykh soyedineniy. Sintez i fiziko-khimiya polimerov; sbornik statey po rezul'tatam nauchno-issledovatel'skikh rabot (Synthesis and physical chemistry of polymers; collection of articles on the results of scientific research work). Kiev, Naukova dumka, 1964, 30-34.

TOPIC TAGS: polyamidourethan synthesis, hexamethylene diisocyanate, dibasic acid diethylolamide, amide copolymerization

ABSTRACT: The authors polymerized the diethylolamides of oxalic, succinic, adipic, azelaic and sebatic acids with hexamethylene diisocyanate in dimethyl formamide (at 115 - 120C) or chlorobenzene (at the boiling point). Mixtures were equimolecular or had a slight excess of the diisocyanate. The yield was higher in dimethyl formamide and the products obtained were characterized by high m.p. and viscosity. Ratio changes to diisocyanate excess of 0.15 mol. did not affect the yield or polymer properties. The polyamidourethans obtained had m.p. in the 170-220C range. The authors determined

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the solubility and specific viscosity (in concentrated sulfuric acid at 25C) and tested the materials thermomechanically. Orig. art. has: 3 tables.

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RECESSION NR. A13002658

S/0000/64/000/000/0034/0038

AUTHOR: Yanchevsky, V. A.; Grekov, A. P.; Kornev, K. A.

ABSTRACT: The synthesis and study of some polyhydrazides of dianhydrides, namely:

1) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,6-dione

2) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,7-dione

3) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,8-dione

4) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,9-dione

5) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,10-dione

6) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,11-dione

7) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,12-dione

8) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,13-dione

9) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,14-dione

10) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,15-dione

11) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,16-dione

12) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,17-dione

13) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,18-dione

14) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,19-dione

15) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,20-dione

16) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,21-dione

17) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,22-dione

18) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,23-dione

19) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,24-dione

20) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,25-dione

21) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,26-dione

22) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,27-dione

23) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,28-dione

24) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,29-dione

25) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,30-dione

26) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,31-dione

27) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,32-dione

28) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,33-dione

29) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,34-dione

30) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,35-dione

31) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,36-dione

32) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,37-dione

33) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,38-dione

34) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,39-dione

35) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,40-dione

36) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,41-dione

37) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,42-dione

38) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,43-dione

39) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,44-dione

40) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,45-dione

41) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,46-dione

42) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,47-dione

43) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,48-dione

44) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,49-dione

45) 2,5-dihydro-1,3-dioxo-4-oxo-4,5-dihydro-1,3-dihydro-2H-pyran-2,50-dione

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<sup>10</sup> See, for example, the discussion of the 1992 Constitutional Convention in *Constitutional Convention: The 1992 Constitutional Convention in South Africa* (1993).

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570

Chirkov, A. P.; Mal'yutenko, S. A.; Kornei, S. A.

TITLE: Synthesis and study of polyaminotriazoles-1,2,4

AN UkrSSR. Institut khimii vysokomolekulovnykh soedinenii. Sistemnyi  
uchebnyi posobie po khimii vysokomolekulovnykh soedinenii. Khar'kov, 1963.

## polyaminotriazole synthesis, dicarboxylic acid, the triazole, and hydrazine, and imidization

an example of compound polymer in inorganic system. It is a polymer with adipic acid as the repeating unit. It is formed by the triisobutyl borane-catalyzed polymerization of diisobutyl borane in inert gas at low temperature during the oxidation. The polymer has high thermal stability and adhesion strength. It is used for the improvement of the tribomechanical properties of polymer by crosslinking and forming.

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